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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) APR 23 2004 P. Ponnaluri		Application Number	09/963,920
		Filing Date	September 26, 2001
		First Named Inventor	Barany et al.
		Art Unit	1639
		Examiner Name	P. Ponnaluri
Sheet 1 of 4	Attorney Docket Number	19603/3356 (CRF D-1595F)	

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
PP	1	US-4,988,617	01/29/1991	Landegren et al.	
	2	US-5,516,635	02/16/1996	Ekins et al.	
	3	US-5,858,659	01/12/1999	Sapolsky et al.	
	4	US-6,143,495	11/07/2000	Lizardi et al.	
	5	US-6,506,594 B1	01/14/2003	Barany et al.	
	6	US-5,527,681	06/18/1996	Holmes	
	7	US-5,510,270	04/23/1996	Fodor et al.	
	8	US-5,594,121	01/14/1997	Froehler	
	9	US-5,723,320	03/03/1998	Dehlinger	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² Number ³ Kind Code ³ (if known)				
PP	10	WO 92/10566	06/25/1992	WIPO		
	11	WO 98/03673 A	01/29/1998	WIPO		
	12	WO 00/56927 A3	09/28/2000	WIPO		

Examiner Signature	P. Ponnaluri	Date Considered	6/10/05
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

* cited not relevant

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) APR 23 2004 Sheet 2 of 4		Application Number	09/963,920
		Filing Date	September 26, 2001
		First Named Inventor	Barany et al.
		Group Art Unit	1639
		Examiner Name	P. Ponnaluri
		Attorney Docket Number	19603/3356 (CRF D-1595F)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PP	13	Belgrader et al., "A Multiplex PCR-Ligase Detection Reaction Assay for Human Identity Testing," <u>Genome Science & Tech.</u> 1:77-87 (1996)	
	14	Chee et al., "Accessing Genetic Information with High-Density DNA Arrays," <u>Science</u> 274:610-614 (1996)	
	15	Day et al., "Identification of Non-Amplifying CYP21 Genes When Using PCR-Based Diagnosis of 21-Hydroxylase Deficiency in Congenital Adrenal Hyperplasia (CAH) Affected Pedigrees," <u>Hum. Mol. Genet.</u> 5(12):2039-2048 (1996)	
	16	Drobyshev et al., "Sequence Analysis by Hybridization with Oligonucleotide Microchip: Identification of β -Thalassemia Mutations," <u>Gene</u> 188:45-52 (1997)	
	17	Fodor et al., "Multiplexed Biochemical Assays with Biological Chips," <u>Nature</u> 364:555-556 (1993)	
	18	Gerry et al., "Universal DNA Microarray Method for Multiplex Detection of Low Abundance Point Mutations," <u>J. Mol. Biol.</u> 292:251-262 (1999)	
	19	Hacia et al., "Detection of Heterozygous Mutations in <i>BRCA1</i> Using High Density Oligonucleotide Arrays and Two-Colour Fluorescence Analysis," <u>Nat. Genet.</u> 14:441-447 (1996)	
	20	Heller et al., "Discovery and Analysis of Inflammatory Disease-Related Genes Using cDNA Microarrays," <u>Proc. Nat'l. Acad. Sci. USA</u> 94:2150-2155 (1997)	
	21	Khanna et al., "Multiplex PCR/LDR for Detection of K-ras Mutations in Primary Colon Tumors," <u>Oncogene</u> 18:27-38 (1999)	
	22	Khrapko et al., "A Method for DNA Sequencing by Hybridization with Oligonucleotide Matrix," <u>J. DNA Seq. Map.</u> 1:375-388 (1991)	
	23	Kozal et al., "Extensive Polymorphisms Observed in HIV-1 Clade B Protease Gene Using High-Density Oligonucleotide Arrays," <u>Nature Medicine</u> 2:753-759 (1996)	

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) APR 23 2004 PATENT & TRADEMARK OFFICE		Application Number	09/963,920
		Filing Date	September 26, 2001
		First Named Inventor	Barany et al.
		Group Art Unit	1639
		Examiner Name	P.Ponnaluri
Sheet 3 of 4	Attorney Docket Number	19603/3356 (CRF D-1595F)	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PP	24	R.J. Lipshutz et al., "Using Oligonucleotide Probe Arrays To Assess Genetic Diversity," <u>Biotechniques</u> 19:442-447 (1995)	
	25	Lysov et al., "DNA Sequencing by Hybridization to Oligonucleotide Matrix. Calculation of Continuous Stacking Hybridization Efficiency," <u>Journal of Biomolecular Structure & Dynamics</u> 11(4):797-812 (1994)	
	26	Maskos et al., "A Study of Oligonucleotide Reassociation Using Large Arrays of Oligonucleotides Synthesised on a Glass Support," <u>Nucleic Acids Res.</u> 21:4663-4669 (1993)	
	27	Maskos et al., "A Novel Method for the Analysis of Multiple Sequence Variants by Hybridization to Oligonucleotides," <u>Nucleic Acids Res.</u> 21:2267-2268 (1993)	
	28	Nikiforov et al., "Genetic Bit Analysis: A Solid Phase Method for Typing Single Nucleotide Polymorphisms," <u>Nucleic Acids Res.</u> 22(20):4167-4175 (1994)	
	29	Nonradioactive <i>in situ</i> Hybridization Manual from Boehringer Mannheim Biochemicals, page 1, 1992	
	30	Nucleic Acid Hybridization, A Practical Approach, page 6, edited by Hames & Higgins, 1985, Published by IRL Press Limited, P.O. Box 1, Eynsham, Oxford OX 8 1JJ, England.	
	31	Parinov et al., "DNA Sequencing by Hybridization to Microchip Octa- and Decanucleotides Extended by Stacked Pentanucleotides," <u>Nucleic Acids Res.</u> 24:2998-3004 (1996)	
	32	Reed et al., "Chromosome-Specific Microsatellite Sets for Fluorescence-Based, Semi-Automated Genome Mapping," <u>Nature Genetics</u> 7:390-395 (1994)	
	33	Schena et al., "Parallel Human Genome Analysis: Microarray-Based Expression Monitoring of 1000 Genes," <u>Proc. Natl. Acad. Sci. USA</u> 93:10614-10619 (1996)	
	34	Shalon et al., "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-Color Fluorescent Probe Hybridization," <u>Genome Res.</u> 6:639-645 (1996)	

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> APR 23 2004 TRADEMARK OFFICE		Application Number	09/963,920
		Filing Date	September 26, 2001
		First Named Inventor	Barany et al.
		Group Art Unit	1639
		Examiner Name	P. Ponnaluri
Sheet 4	of 4	Attorney Docket Number	19603/3356 (CRF D-1595F)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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PP	35	Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides: Evaluation using Experimental Models," <u>Genomics</u> 13:1008-1017 (1992)	
	36	Timofeev et al., "Regioselective Immobilization of Short Oligonucleotides to Acrylic Copolymer Gels," <u>Nucleic Acids Res.</u> 24:3142-3148 (1996)	
	37	Tong et al., "Biochemical Properties of a High Fidelity DNA Ligase from <i>Thermus</i> species AK16D," <u>Nucleic Acids Research</u> 27(3):788-794 (1999)	
	38	Van Ness et al., "A Versatile Solid Support System for Oligodeoxynucleotide Probe-based Hybridization Assays," <u>Nucleic Acids Res.</u> 19:3345-3350 (1991)	
	39	Weber et al., "Abundant Class of Human DNA Polymorphisms Which Can Be Typed Using the Polymerase Chain Reaction,"	
	40	Yershov et al., "DNA Analysis and Diagnostics on Oligonucleotide Microchips," <u>Proc. Natl. Acad. Sci. USA</u> 93:4913-4918 (1996)	
	41	Zhang et al., "Single-base Mutational Analysis of Cancer and Genetic Diseases Using Membrane Bound Modified Oligonucleotides," <u>Nucleic Acids Res.</u> 19:3929-3933 (1991)	
	42	Janssen et al., "Evaluation of the DNA Fingerprinting Method AFLP as a New Tool in Bacterial Taxonomy," <u>Microbiology</u> 142:1881-1893 (1996)	

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